

IN THE CLAIMS:

Cancel claim 4 without prejudice or disclaimer.

Please amend the claims as shown below:

Claim 1 (currently amended): A gateway apparatus connected to a first network and a second network and for controlling the operation of an apparatus or a plurality of apparatuses of control objective connected to said first network depending on the instructions directed to said second network by an instructing apparatus connected to said first network for said apparatus or plurality of apparatuses of control objective, the gateway apparatus comprising:

monitoring means ~~of monitoring the~~ a flow of the instructions, for controlling the operation of said apparatus or plurality of apparatuses of control objective, directed to said second network by said instructing apparatus; ~~and~~

control signal outputting means of outputting a control signal for controlling the operation of said apparatuses of control objective ~~to said apparatuses of control objective~~ depending on the instructions received when said flow of the instructions is monitored by said monitoring means; and

identification information storing means for storing the identification information of each of said apparatuses of control objective, wherein

said identification information identifies each said apparatus and identifies functions performable by each said apparatus together with a description of each function, and

said control signal outputting means outputs said control signal by using said identification information stored in said identification information storing means.

Claim 2 (currently amended): A gateway apparatus according to Claim 1, further comprising control information setting means for setting ~~in which~~ control information for controlling the operation of said apparatus or plurality of apparatuses of control objective ~~is set~~, wherein

said control signal outputting means outputs said control signal by using said control information set in said control information setting means.

Claim 3 (original): A gateway apparatus according to Claim 2, wherein said control information is set in said control information setting means by an access from said instructing apparatus, by a user's input operation, or by an access from said apparatuses of control objective.

Claim 4 (canceled)

Claim 5 (original): A gateway apparatus according to Claim 4, wherein said identification information is stored in said identification information storing means by an access from said instructing apparatus, by a user's input operation, or by an access from said apparatuses of control objective.

Claim 6 (currently amended): A gateway apparatus according to Claim 4, further comprising device identification information acquiring means of acquiring said identification information of each of said apparatuses of control objective from ~~all or a part of~~ said apparatus or plurality of apparatuses of control objective, wherein

said identification information storing means stores said identification information obtained by said device identification information acquiring means.

Claim 7 (original): A gateway apparatus according to any one of Claims 1 to 6, further comprising data converting means of converting the data from said second network into data available for said instructing apparatus.

Claim 8 (currently amended): A computer-readable medium comprising computer-executable instructions ~~program~~ for causing a computer to serve as a gateway apparatus connected to a first network and a second network and for controlling operation of an apparatus or a plurality of apparatuses connected to said first network, depending on instructions directed to said second network by an instructing apparatus connected to said first network, said gateway apparatus:

~~as all or a part of: a said monitoring means of monitoring a the flow of the~~
instructions for controlling the operation of said apparatus or plurality of apparatuses of ~~control objective, directed to said second network~~ by said instructing apparatus ; and

~~said control signal outputting means of outputting a control signal for controlling~~
the operation of said apparatus or plurality of apparatuses ~~of control objective to said apparatuses of control objective~~ depending on the instructions received when said flow of the instructions is monitored ~~by said monitoring means; each in a gateway apparatus of Claim 1. ; and~~

storing identification information for each of said apparatuses, wherein

said identification information identifies each said apparatus and identifies
functions performable by each said apparatus together with a description of each
function, and
outputting of said control signal includes using said identification information.